



**nextar<sup>®</sup>** 

**MA828 | Digital MP3 Player  
Instruction Manual**

## THANK YOU

Thank you for purchasing our Digital Mp3 Player. This uniquely designed device combines an MP3 Player, voice recorder; FM radio and removable Flash Memory drive all in one unit. You can move and store files between computers and enjoy your MP3 music collection anytime and anywhere.

## 1. FEATURE SUMMARY

### **Firmware Upgradable**

Check our website often for the latest driver, firmware and software updates:  
[www.nextar.com](http://www.nextar.com)

### **Remove able Disk**

Use this unit as a removable drive, storing files, music or anything you want (drivers required for operating systems prior to Windows 2000)

### **“Dream-space” Disk Mode**

With the utility included on the software CD, you can partition the memory of this unit into

2 or more separate drives and encrypt these partitions to keep others from accessing your files and information.

### **Record/Replay**

Record your voice with the built-in microphone and save in WAV or ACT formats. Playback your recording at any time.

### **Seven Preset Equalizer**

Built-In equalizer can be set to Natural, Rock, Pop, Classical, Soft, Jazz or Heavy Bass.

### **Multiple Playback Modes**

Can be set to Normal cycle single song Cycle Single Song, Play Directory, Cycle Directories, Cycle All, Shuffle or Browse

### **Shutdown Timer**

Sleep mode and power-save mode to extend battery life

### **Full Graphical Menus**

Graphical menus with corresponding text display.

## USB Connection

Quick connection to USB port.

## Built-in FM Radio

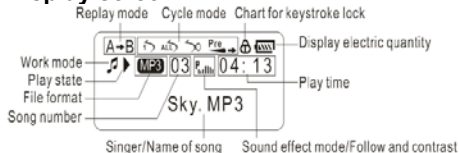
Listen to FM stations and set your favorite stations by using Auto Preset or Manual Preset. The player can save 40 (20 for AM, 20 for FM) local stations.

## 2. INTRODUCTION

Thank you for purchasing our MP3 player. Before using the unit please read this manual carefully to obtain the best possible performance from your player. Keep this manual for future reference

## 3. GETTING TO KNOW THE PLAYER

### Display screen



## 4. BASIC FUNCTIONS

### Start up/Shutdown

Start up or shutdown player by pressing and holding the "PLAY" button.

### Entering Menu Modes

Menus: Main menu (entered by momentarily holding Mode key when not playing), Play submenu (entered by pressing Mode key while playing), and Stop submenu (entered by pressing Mode key when not playing).

### Browsing Tracks

Browse forward (to the next track) by sliding Mode key clockwise, and backward (previous song) by sliding Mode key counter-clockwise.

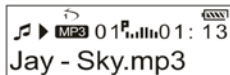
### Using the Different Function Modes

Enter the different modes from the main menu by sliding Mode key clockwise or counter-clockwise then pressing Mode key:

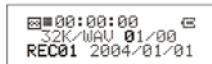
Main menu:



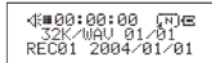
Select Music mode, display shows:



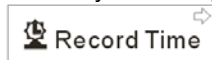
Select Record mode, display shows:



Select Play mode, display shows:



Select System setup, display shows:



Enter USB mode\*, display shows:



\*must be connected to PC

### Adjusting Volume

Decrease volume by pressing VOL -  
Increase volume by pressing VOL+.

### Key Lock (HOLD) Function

Move the HOLD switch to the position showing the lock.

When Hold is ON, all controls are locked out. If you press any controls, you will see on the display:



When Hold is ON, USB mode will be displayed as:



## 5. BUTTON/CONTROL FUNCTIONS

### Music mode and Voice mode

Key	Action	Stop state	Play state	Play submenu	Stop Submenu
Play	Press and hold	Shutdown	Shutdown	Shutdown	Shutdown
	Press and release	Play	Stop	Exit menu	Exit menu
Mode	Press and hold	Enter main menu	Enter main menu	Enter main menu	Enter main menu
	Press and release	Enter/stop submenu	Enter/play submenu	Confirm this option or enter the next level	Confirm this option or enter the next level
Next	Dial	Next song	Next song and play it	Move submenu	Move submenu
	Hold	Browser forward continuously	Skip forward	Fast forward continuously	Fast forward continuously
Last	Dial	Last song	Last song and play it	Move submenu	Move submenu
	Hold	Browser backward continuously	Skip backward	Fast backward continuously	Fast backward continuously
Vol+	Press and release	Increase volume by one step	Increase volume by one step	X	X
	Hold	Increase volume continuously	Increase volume continuously	X	X
Vol-	Press and release	Decrease volume by one step	Decrease volume by one step	X	X
	Hold	Decrease volume continuously	Decrease volume continuously	X	X

## Record mode

Key	Action	Stop state	Record state
Play	Press and hold	Shutdown	Stop record
	Press and release	Start to record	Pause record
Mode	Press and hold	Enter main menu	X
	Press and release	Enter record submenu	X

## 6. PLAYING MUSIC

### Adding and deleting files

To add and delete music file on your MP3 player, simply connect the unit to the USB port of your PC or Notebook computer, From the "My Computer" explorer, click the "Removable Disk" drive (which is what the MP3 player looks like to your computer) and then copy/cut, paste and delete any file from you PC to the MP3 player.

**Before you disconnect the player, please follow these steps or it may result in lost files:**

1). Double click the "Safely Remove Hardware icon" in the dialog box (this icon should be in the lower left bottom of your screen, near the clock, and looks like a green arrow).

2). Click stop and the next dialog box will tell you that you can safely remove your hardware now.

3). Click "OK", then you can unplug the unit safely.

### To delete files in (stop submenu) mode:

Files can be deleted under their respective modes.

1). At Stop Interface (no Stop Interface exists in FM Mode).



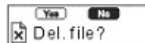
2). Press MODE to enter Stop Submenu.



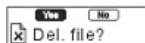
3). Press NEXT/LAST to select "Delete" or "Delete All".



4). Press MODE to enter Delete Interface.



5). Press NEXT to switch between "No" and "Yes".



6). Press MODE to confirm and deletion starts.

Delete...

“Delete all” will delete all files in the current mode under the current directory.  
(For example, only music files will be deleted if you choose Delete All under the music mode).

Attention: you must remove the player from your PC if you delete files on PC, or you will receive a “the files are not deleted” warning.

### Getting Started

1). Connect earphone to earphone jack on unit

2). Please make sure keyboard is unlocked.

3). Start up player and enter “Music mode”

By holding PLAY momentarily; press PLAY again

### To play music.

4). Choose music

Last: choose last song

Next: choose next song

5). Control volume

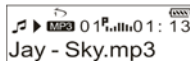
VOL+: increases volume

VOL-: decreases volume

Attention: All keys have no effect if HOLD button is in the locked position; If “Power Off/Power Save” mode is set, Player will shut down automatically at set time.

### Equalizer Mode

1). While playing music.



2). Enter play submenu by pressing MODE.



3). Dial Next to choose “Equalizer”.





4). Enter “Equalizer” by pressing MODE.



5). Dial Next to choose, press Mode to select.



6). Instruction for all kinds of sound effect (EQ):

(Natural effect, Natural)	(Soft effect, Soft)
(Rock effect, Rock)	(Jazz effect, Jazz)
(POP effect, Pop)	(Heavy bass, DBB)
(Classical effect, Classical)	

### Displaying Synchronized Lyrics (Karaoke function)

This player supports “LRC” files. (Search online for “LRC lyrics” – these files play lyrics along with music simultaneously.)

#### How to use lyric files:

Keep the names of lyric file and song the same. Such as:

Name of song: Jay-Sky.mp3 / Name of lyric file: Jay-Sky.lrc

#### How to know whether a song has lyrics:

If there is a lyric file matching the song, the icon on the upper left corner of music mode should change to “ ”.

#### How to display the lyrics:

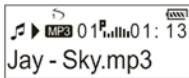
1). Find lyric match with song:

2). Press and hold Mode to enter lyric interface.

3). Display lyrics.



4). Return to music mode by pressing Mode.



5). Cycle lyrics manually: Move lyrics forward or backward by pressing VOL+ or VOL-.

## 7. VOICE RECORDER

Note: Voice recording requires significant battery power. Check your batteries before recording.

You can save ninety-nine recorded files in each directory.

### Record mode

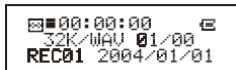
1). Enter main menu.



2). Dial Next to choose record mode.



3). Press Mode to enter record mode.



4). Press Play to start recording.

5). Other operations use steps 1 through 3.

6). Voice recordings are saved in the current directory; set in "stop record/submenu/directories of main disk"



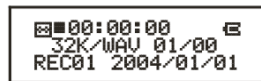
If "The space is full" displays, there is no more space for new files; delete other files to free up space.



If "The directory is full" displays, there are 99 record files in the current directory; delete files or switch to another directory.

### Choose Record Type

1). From the main recording interface:



2). Press Mode to enter record submenu.



3). Dial Next, choose the submenu “record type”:



4). Press Mode to enter the option:



5). Dial Next to choose record type.

6). Press Mode to confirm your choice.

7). Press Play to start recording (VOR can pause recording).

8). Record type:

32K/WMA: High-quality, WAV format

8K/ACT: Long recordings ACT format

32K/VOR: High-quality, sound control, WAV

8K/VOR: Long records, sound control, ACT

## 8. PLAYING RECORDED FILES

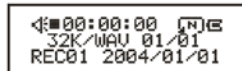
1). Enter main menu.



2). Dial Next to choose “Voice mode”.



3). Press Mode to enter Voice mode.



4). Press Play to start playing.

5). Choose recorded file:

Last: choose last record file

Next: choose next record file

6). Control volume:

VOL+: increase volume

VOL-: decrease volume

## 9. CONVERTING ACT FILES TO WAV

Files recorded into the player in ACT format can be changed into WAV format with the program that was installed from the included CD:

- 1). Run "Sound Converter", click "open"
- 2). Choose the ACT files you want to change
- 3). Click "Transform" to start transforming to WAV files

In addition to transforming ACT files into WAV files, this tool can also play files of WAV and MP3. Note that you should move these ACT files from your player to your PC (using the files transfer instructions from earlier in this manual) before converting.

## 10. SYSTEM SETUP

### How To Enter Player Setup Mode

Set system parameters here. These will need to be reset after every firmware upgrade

- 1). Enter main menu.



- 2). Dial Next to choose "System setup".



- 3). Press Mode to enter "System setup".



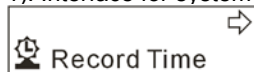
## Overview Of Settings

Record time	Set save time and date for recorded files
Backlight	Set the amount of time the backlight remains on
Languages	Sets different language
Power Off	Sets the automatic shut off timer (set minutes until shutdown)
Replay mode	Sets the playback parameters
Contrast	Sets the contrast of display screen
Online mode	Sets Dream Space mode parameters
Memory Info	View the EMS memory and service condition
Firmware version	Display the firmware revision
Firmware Upgrade	Exclusive use for upgrading firmware
Exit	Exit the current interface

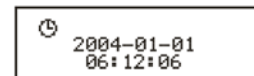
## 11. DETAILED OPERATING

### Set "Record time"

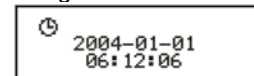
1). Interface for system setup.



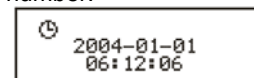
2). Press Mode to enter the record time interface.



3). Press VOL+/- to select number to change:



4). Dial Next/Last to increase/decrease number:



5). Exit by pressing Mode after change.

## Set Backlight time

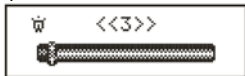
1). Interface for setting system.



2). Dial Next to choose "Backlight".



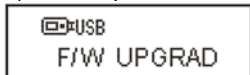
3). Press Mode to enter interface.



4). Dial Next/Last to adjust time.



5). To exit press Mode after change.



## Set Language

See "Backlight time" - operations are the same.

## Set Power off

See "Backlight time"- operations are the same

Power-save mode shuts it down automatically if no buttons are pressed during the set time and the unit is not playing

"0" denotes that this function has been disabled;

"Sleep mode" shuts the unit down automatically no key is pressed during the set time - whether player is stopped or playing. The sleep mode is only active once after it is set. Once the player is restarted it must be reset.

## Set Replay Mode

Press Mode to enter interface, Dial to choose:

"Manual mode" denotes that you set a pause manually;

“AUTO mode” denotes that it will pause automatically in replay.

### **Adjust Contrast**

See “Backlight time”- operations are the same.

### **Online Mode**

Operating systems prior to Windows 2000 Service Pack 4 cannot support two drive partitions. To display chosen partition after connecting to your PC, you need to choose which disk you want to use between “single normal disk” and “single cryptographic disk” after setting up partitions using the “Dream Space” utility.

### **Memory Info**

The number denotes the remaining capacity of disk - the percentage denotes the amount of space used.

### **Firmware Version**

Identifies the current edition of the player firmware

### **Firmware Upgrade**

Enter this interface to upgrade your firmware.



Advanced Tip: Exit menus rapidly by pressing Play after setting options. This function works on any menu.

## **12. USB REMOVABLE DISK OPERATION**

This player supports standard USB functions, for systems running Windows98 (with the included driver), Windows 2000 and newer (drivers not required), MacOS X 10.3 or Linux Red Hat 8.0 or newer.

This player can be supplied power via USB, and can be played without batteries. From the main menu, choose the work mode you want and enter it. (To enter the main menu from Standby, press Mode.)

To connect to a PC, connect unit and PC with supplied USB cable. The player has three display modes:

1). Standby State



2). Downloading/uploading state



**New folder**

This player supports up to ninety-nine one-level folders created by the user.

### 13. UPGRADING THE PLAYER

Upgrade this player or service the system firmware with the software tool that was installed on your PC from the installation CD.

1). Enter main menu.



2). Dial Next to choose "system setup".



3). Press Mode to enter "system Setup".



4). Dial Next to choose "firmware upgrade".



5). Press Mode to enter "firmware upgrade".



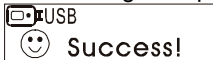
6). Connect player to PC.

7). Run the upgrade tool "MP3 Player Update" on the computer, clicks the button called "Choose new edition of firmware file".



8). Choose new firmware from the CD, or select the firmware file previously downloaded from the Nextar homepage 9). Click the “begin upgrade” button to start the upgrade.

10). Follow all prompts on the unit display. Once the upgrade is complete and successful the following is displayed on player:



! Upgrades for firmware are for improvement and optimization of the performance of the player. Normal operation can be affected if you do not regularly upgrade your firmware.

! Upgrading the firmware could cause the player to function incorrectly if not done properly. Please read the instructions before you begin. This operation is meant for people who have some computer experience.

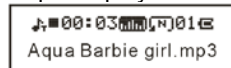
! Do not upgrade/install firmware not intended for this unit. Do not use this unit's firmware upgrade for other units.

## 14. MISCELLANEOUS SETTINGS

### Choosing Different Directories (stop submenu)

In order to play and manage sorted files, users can put files into directories (directories need to be created beforehand). This player supports ninety-nine one-level subdirectories.

1). Directories can be made under record, stop and play modes.



2). Press Mode to enter “Stop submenu”.



3). Press Mode again to enter choose directories interface.



- 4). Dial Next or Last to choose directories.  
To select a chosen directory press Mode.



Attention: Directories within a mode are independent of the other modes' directories. They may be given the same name and same settings as directories in other modes, but they will not affect other the other directories under other modes.

### Play Mode (play submenu)

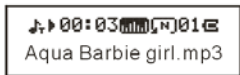
You can choose different play modes while playing music or record files.

Normal	Play all the music in normal mode
Repeat One	Repeat to play one single music file
Repeat All	Repeat to play all music in current folder
Play Directory	Play all the music in current folder
Repeat Folder	Play the music in all folders
Play Random	Play the music in current folder at random
Browse and play, Intro	Play ten seconds of songs in the current folder

### Play Speed (Play submenu)

You can choose different play speeds while playing music (MP3 and recorded files only). The actual pitch of the music or recording should not change:

- 1). Playing music.



- 2). Press Mode to enter submenu.



- 3). Dial Next to choose "Tempo rate".



- 4). Dial Next to choose "Tempo rate".



- 5). Dial Next to speed up, Last to slow.

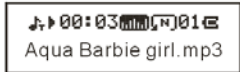
Attention: The speed setting will apply to all songs until changed.

## Replay Mode (Play submenu)

Enter by pressing "REC/A-B" directly or from submenu.

### A-B replay

1). Play music or record.



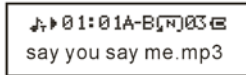
2). Press Mode shortly to enter submenu.



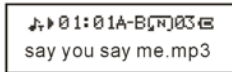
3). Dial Next to choose "Replay mode".



4). Press Mode to enter "Replay mode":



5). Dial Next to confirm starting point A.



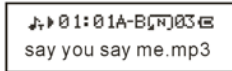
6). Dial Next to confirm starting point B  
Repeat play between A-B, exit Reread after setting times; Set point A again (see "Replay times" below for play time)



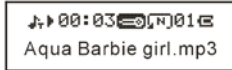
Under Replay mode, set "Tempo Rate" directly by pressing VOL+ or VOL-.


### Follow Read Function (play mode does not have this function)


1). Replaying between A-B.




2). Dial Next to enter Follow-read mode.





3). It begins to record the voice of user when Replay icon changes to follow-read icon , length is the same as the time of the A-B replay.

4). Play original voice if the time ends and the icon changes to , dial next to enter this function at this time.


 Return to “A-B replay” by dialing Last under this mode.

### **Contrast Function (play mode does not have this function)**

1). The reread icon displays as , after entering this function. It plays original sound.

2). Icon changes to  after playing original sound. Now it plays the follow-read sound of user.

3). Plays original sound again after playing follow-read sound of user, repeats until Mode is pressed to exit.

 Dial Last to go back to “Follow-read function”.

### **Replay Time (Play submenu)**

The replay time determines how many times the unit should replay A-B before exiting.

### **Replay Separation (Play submenu)**

Replay separation determines the number of seconds between repeat plays.

## **15. DREAM SPACE PARTITION &**

### **ENCRYPTION FUNCTIONS**

Some users may have the need to hide information on their unit from unauthorized access. This is often the case when the unit is shared by multiple users.

By allowing users to create separate partitions on their unit, and then encrypt those partitions, Nextar has solved this problem.

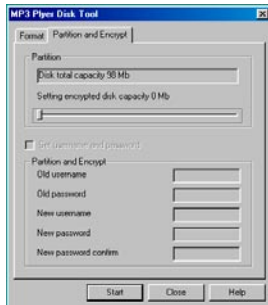
Users can divide USB disk into two partitions (of any size) with tools provided with the player. (again , note previous warnings that you must have Windows 2K SP4 installed to use the partition function. Otherwise you must encrypt the entire drive).

To use “Dream Space”:

1. Connect the player to your PC.
2. Run the MP3 Player Disk Tool, which is available in the included CD and needs to be installed on the user's PC



3. First you will see format tools. Choose “partition and encryption”, then choose appropriate capacity for encrypted partition, select “Set username and password” and enter your user name and password. Input user name in “new user name”. Input password in “new password”, and then input the same password in “new password” confirmation. Click start to create the partition.



4. Once partitioning is complete, you will see the following message:



5. You will be asked to restart your computer

6. Two disks will be seen after re-starting (or only one if using an OS prior to Windows 2K SP4 version)

7. Double click the encrypted partition. There will be three files, two of which are hidden files, one of which is executable file, and disk space is 300K (in the example below).



8. Run executable file "RdiskDecrypt.exe", input user name and password in dialogue box. If correct, you can unencrypt the partition (disk) and view/manipulate the files on the drive



Notice: Save any data you have on the disk prior to partitioning. Partitioning will delete any files stored on the drive.



Warning: Don't lose your user name and password, otherwise you will not be able to access the encrypted partition.

## 16. TROUBLESHOOTING

No power	Check if the batteries are installed correctly; Check if the USB connection is solid; Check if the player has been started.
No sound in earphones	Check if the volume is turned down; Check for a problem with the connection of earphones; Damaged MP3s can play differently, or not at all.
Unusual situation with the instructions displayed onscreen	Check whether you have chosen the right language.
Can not played the Music files	Check the digital format. This player does not support DRM files.
FM radio reception is bad	Adjust the positions of earphone and player (the earphone cable is the FM antenna) Shut down nearby electronics to reduce interference.
Can not download music normally	Check if the USB is connected solidly or is damaged; Check if the correct driver is installed; Check if the drive is full or damaged.

## 17. TECHNICAL SPECIFICATIONS

Connection to PC	USB 2.0 full-speed	
EMS memory	Flash storage: 64MB - 1GB	
Power supply	One AAA No.7 alkaline battery	
	The longest play time:	10H
Record	Sampling rate	8KHz
	Record format	WAV (32K bps), ACT (8K bps)
MP3, WMA, WMV, ASF	Record time	35H (ACT, 128M Flash)
	Highest output of earphones	(L) 10mW+ (R) 10mW (32Ohm)
	MP3 bits rate	8K bps – 320K bps
	WMA, WMV, ASF bits rate	5K bps – 384K bps
	Frequency response	20Hz to 20KHz
	SNR	85dB
Music format	MP1, MP2, MP3, WMA, WMV, ASF, WAV	
Temperature	-5 - 40	
Multi-language show	Simple Chinese, English, Trad Chinese, Japanese, Korean, French, Italian, German, Spanish, Swedish, Portugal, Denmark, Dutch, Thailand, Russia, Czech, Poland	
Supported operating systems	Windows98/SE/ME/2000/XP/2003, Mac OS 10, Linux 2.4.2	

Attention: Specifications or design is subject to change without prior notice.